ZKtechnelegyEU

THE ADVANCED MULTIBIOMETRIC & RFID SOLUTIONS

ZKSoftware MAKORTECH

MA-300

Product Description

MA-300 is a biometric access control terminal with an integrated proximity reader (EM). With a robust and elegant metal case design, it is one of the best and most complete terminals on the market. With the latest upgraded version of the ZK Fingerprint Sensor it ensures fast identification and long durability. It incorporates Ethernet connection for communication with computers and networks. It can be installed on standalone mode or as an external reader (wiegand) for another terminal or access control system. Additionally, it provides an audio prompt guide to register fingerprint or card. With its anti-vandalic metal casing and an IP Rating of IP54, this terminal is ideal for outdoor installation.

Standard functions



Optional functions



Features

- Advanced Access control (Time Zones and Access Groups).
- Incorporates high precision ZK Sensor for registering 10 fingerprints per user.
- Stores up to 1500 fingerprint templates and 10000 proximity card ID's.
- Stores up to 100.000 access registrations without PC download.
- Wiegand In/Out to connect with external reader or controller.
- Allows communication with PC through Ethernet.
- Includes USB host to download records.
- Relay for door, alarm and push button.
- Tamper-resistant switch and alarm output.
- Fingerprint registration and access guided by audio promp
- Integrated Proximity Reader (EM) facilitates access by fingerprint or call
- IP54 Rating.





Specifications

Capacity

Fingerprint Capacity	1500
ID Card Capacity	10000
Log Capacity	100000

Hardware

Sensor CPU Memory	ZEM710 32 bit ZK6001 microprocessor 400MHz 32M RAM, 256M Flash
Sensor Proximity	ZK Optical Sensor ID card
Relay contacts	Lock control, Alarm, Sensor, Exit Button
Display	
LED Indicator	Green / Red
Environment	

Environment

Oper. Temp Oper. Humidity IP Rating -10°-60°C 20%-80% IP54

Power

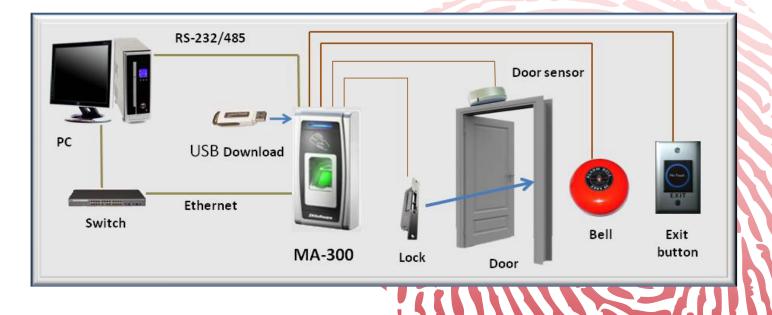
Power

12V, DC 3A

Communication TCP/IP, RS485 Comm. Port Pen drive **USB Host** Wiegand Output and Input **Fingerprint Algorithm** Туре ZK Finger 10.0 Identification <= 2 seconds Verification < 1 second FRR < 1% FAR <= 0.0001% Languages Available All European languages Maximum 1 Voices Allowed Dimensions 73 x 148 x 34.5 mm (L x W x D) Dimensions Weight 1.15 kg Firmware OS Linux Applications AC (groups and TZ)

Standard SDK

Connectivity diagram



SDK